

DATA REVIEW FOR DERMAL SENSITIZATION TESTING (870.2600, formerly §81-6)

Product Manager: 04
MRID No.: 44993601

Reviewer: Byron T. Backus, Ph.D.
Study Completion Date: Oct. 28 1996
Study No.: 3053-96

Testing Facility: Stillmeadow, Inc., Sugar Land, TX 77478

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Quality Assurance (40 CFR §160.12): present (p. 5 of MRID 44993601)

Test Material: STORCIDE E.C. Batch/Lot No.: PC/96-002F; according to a certificate of analysis (p. 17 of MRID 44993601) containing 29.93% w/w Reldan (chlorpyrifos methyl) and 10.09% w/w Tempo (cyfluthrin); described as a golden liquid

Positive Control Materials: 1-chloro-2,4-dinitrobenzene

Species: guinea pig; Hartley-albino

Age: Presumably young adult (consistent with body weights)

Weight (at initiation of induction): Males: 409-468 g; Females: 397-451 g

Source: SASCO Inc., Madison, WI

Method: Buehler

Conclusion:

1. There is no indication that the test material is a dermal sensitizer
2. **Classification:** Acceptable

Procedure: Following a preliminary screening, a group of 5M & 5F received three once-weekly induction treatments of 0.4 mL of undiluted test substance. An additional control group of 5M & 5F served as controls, and were not exposed to the test material during the induction period. Two weeks after the last induction treatment, all animals were challenged (at a virgin test site in the case of the previously exposed animals) with 0.4 mL of undiluted test material.

Results: 2/10 of the previously induced animals and 1/10 controls scored 0.5 at 24 hours following challenge; all the other animals scored zero. All animals scored zero at 48 hours. The positive control [study reported in MRID 44943607; dated September 16, 1996] elicited the appropriated responses.